CLASSIFICATION

CENTRAL INTELLIGENCE AGENCY

INFORMATION FROM

FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT CD NO.

50X1-HUM

COUNTRY

China

DATE OF

INFORMATION

1951

SUBJECT

Economic - Industry, petroleum substitute

DATE DIST. 25 Sep 1951

HOW

PUBLISHED

Daily newspaper

NO. OF PAGES

WHERE **PUBLISHED**

DATE PUBLISHED

25 Mar 1951

Shanghai

SUPPLEMENT TO REPORT NO.

LANGUAGE

Russian

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SOURCE

Novaya Zhizn'.

US ECONOMIC BLOCKADE FORCES CHINA TO SUBSTITUTE VEGETABLE OIL FOR LUBRICATING OIL

Machinists and technicians of the Shanghai Public Transportation Company recently developed a vegetable oil mixture which can replace the lubricating oils formerly used. A series of tests and experiments was conducted and supervised by engineer Chang Te-Tsing, who is in charge of the Shanghai Machine Works Company.

These tests were made on various combinations of mineral lubricating oils until the following mixture was found to be the most suitable: 50 percent castor oil, 40 percent cottonseed oil, and 10 percent Soviet lubricating oil No 18. This formula has been reported to be an adequate substitute for Texaco SAE-30 lubricating oil.

Since China has always depended on imports of lubricating oil and other petroleum products, the establishment and continuance of the US economic blockade of China has made it necessary for the Central People's Government to make extensive tests, in an effort to devise suitable substitutes for these commodities. This new lubricating oil substitute has resulted in an average monthly saving of 313 million yuan for the government-operated motorbus company in Shanghai.

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